

Abstract of the Disclosure

To address the need for a communication infrastructure and
5 method to speed uplink data setup, the present invention provides for the
assignment of uplink packet data resources by basestation transceiver
systems (BTSs) without the need to communicate with any packet control
unit (PCUs) first. The present invention accomplishes this by reserving
packet data resources before they are needed or requested and providing
10 them to BTSs for assignment. Thus, BTS-PCU communication occurs in
the period before an uplink connection is needed and after uplink data is
established, effectively eliminating the BTS-PCU delay from uplink data
setup. Moreover, the present invention provides for the transmission of
transmit allowance messages before an uplink request is made by the
15 communication unit, further reducing uplink data setup time.